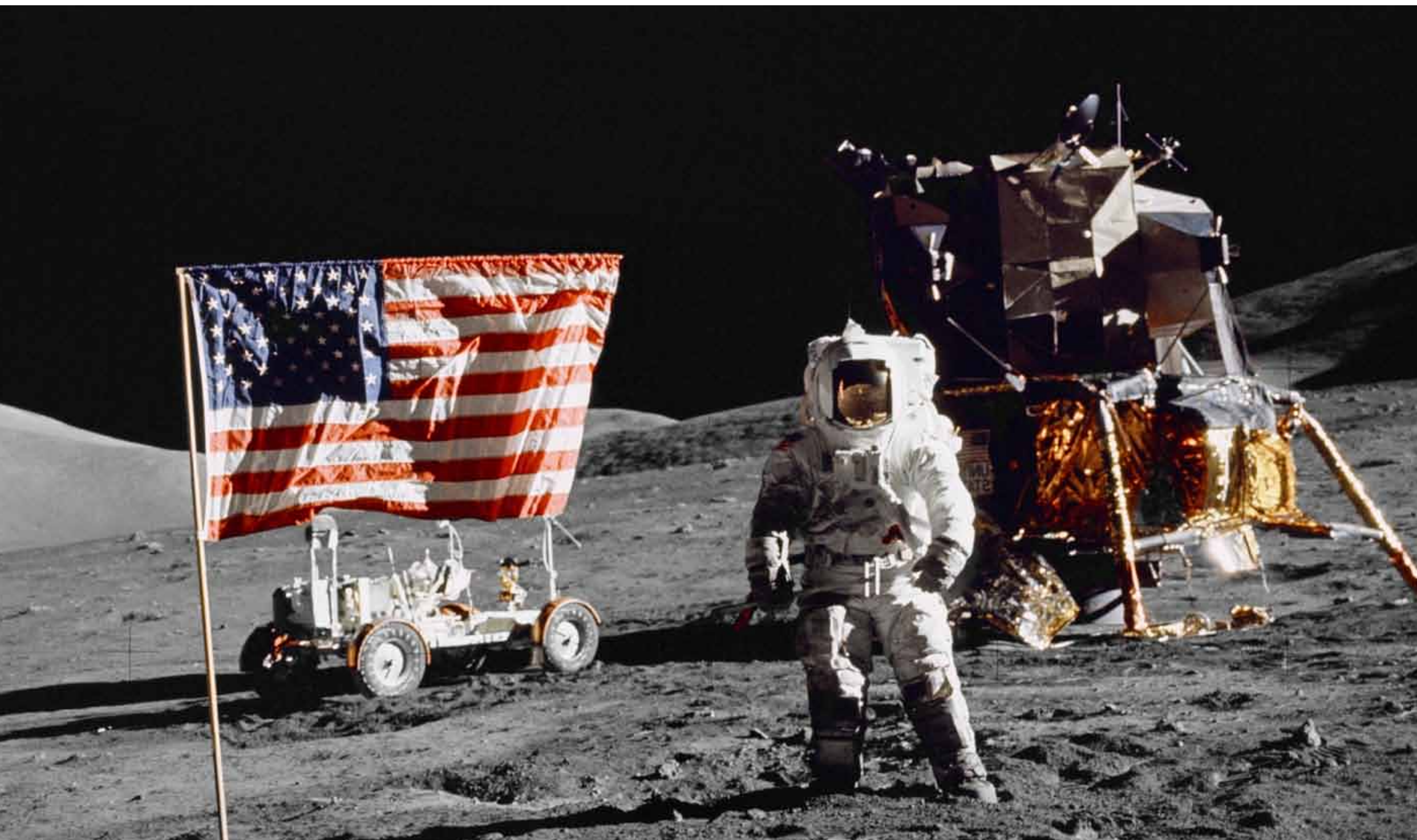


# NASA Lunar Science 2010







The logo for the NASA Lunar Science Institute. It features the word "NASA" in white, spaced-out capital letters at the top. Below it, the words "LUNAR SCIENCE" are written in a large, blue, sans-serif font, with a white crescent moon symbol replacing the letter "C" in "SCIENCE". At the bottom, the word "INSTITUTE" is written in white, spaced-out capital letters. The background of the top half of the page is a deep blue space scene with a large, detailed image of the Moon on the right and a bright star or planet in the upper center.

# NASA LUNAR SCIENCE INSTITUTE

The background of the lower half of the page is a black and white photograph of the lunar surface, showing a dense field of rocks and boulders of various sizes. A white rectangular box is centered over this image, containing text about the calendar's production.

The 2010 Lunar Science Calendar was produced by  
**The NASA Lunar Science Institute (NLSI)**  
[lunarscience.nasa.gov](http://lunarscience.nasa.gov)

Teague Soderman, Science Writer  
&  
Doris Daou, Director of Education and Public Outreach.

All Images are credited to NASA unless otherwise indicated.

On the cover: Astronaut Harrison H. Schmitt, Apollo 17 lunar module pilot, stands near the deployed United States flag on the lunar surface during extravehicular activity (EVA) of NASA's final lunar landing mission in the Apollo series. The Lunar Module (LM) is at left background and the Lunar Roving Vehicle (LRV) at right background (partially obscured). The photo was made by astronaut Eugene A. Cernan, commander. (13 Dec. 1972)

Background image (this page): Boulders of all sizes on the floor of Rutherford crater. [Credit: NASA/GSFC/Arizona State University]





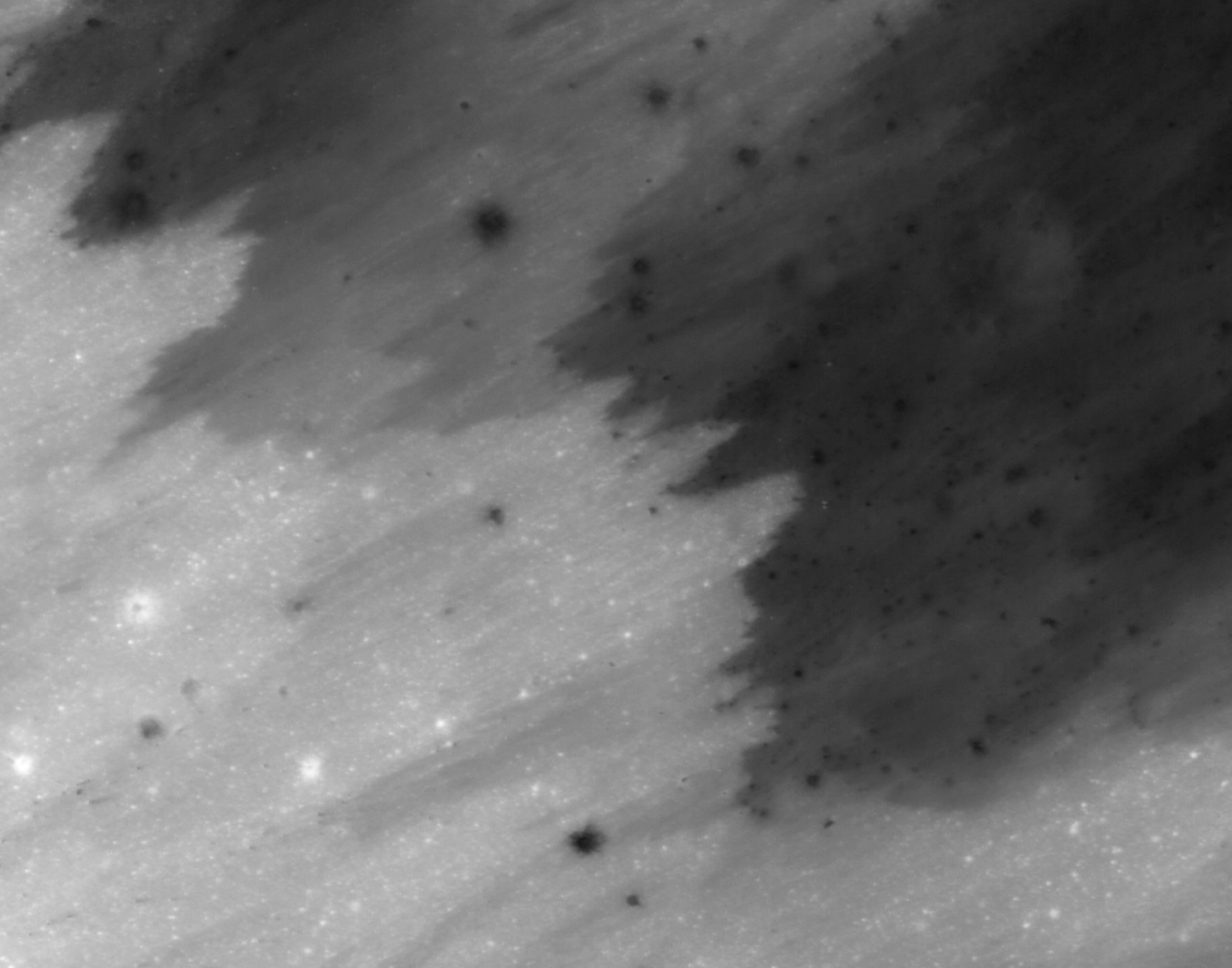


# January

| Sunday   | Monday   | Tuesday | Wednesday | Thursday       | Friday          | Saturday        |
|--|--|---------|-----------|----------------|-----------------|-----------------|
| <div>December 2009</div> <div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div> <div><div></div><div></div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div></div> <div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div></div> <div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div></div> <div><div>27</div><div>28</div><div>29</div><div>30</div><div>31</div><div></div><div></div></div> | <div>February 2010</div> <div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div> <div><div></div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div></div> <div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div></div> <div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div></div> <div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div></div> <div><div>28</div><div></div><div></div><div></div><div></div><div></div><div></div></div> |         |           |                | New Years Day   |                 |
| 3  | 4  | 5       | 6         | <div>☾</div> 7 | 8               | 9               |
| 10   | 11   | 12      | 13        | 14             | <div>☽</div> 15 | 16              |
| 17   | 18<br>Martin Luther King Jr.'s Birthday  | 19      | 20        | 21             | 22              | <div>☾</div> 23 |
| 24   | 25   | 26      | 27        | 28             | 29              | <div>●</div> 30 |
| 31   |  |         |           |                |                 |                 |

Inset: 16mm film frame of John Young giving the LRV a speed workout in what came to be known as the famous “Grand Prix” run. (Apollo 16, April 23, 1972)







# February

| Sunday | Monday                 | Tuesday | Wednesday | Thursday | Friday  | Saturday |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|--------|------------------------|---------|-----------|----------|---|----------|---|---|---|---|---|---|--|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
|        | 1                      | 2       | 3         | 4        | 5   | 6        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 7      | 8                      | 9       | 10        | 11       | 12  | 13       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 14     | 15                     | 16      | 17        | 18       | 19  | 20       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|        | Washington's Birthday* |         |           |          |   |          |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 21     | 22                     | 23      | 24        | 25       | 26  | 27       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 28     |                        |         |           |          | <div>January 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | S        | M | T | W | T | F | S |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  | <div>March 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr></table> | S | M | T | W | T | F | S |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |
| S      | M                      | T       | W         | T        | F   | S        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|        |                        |         |           |          | 1   | 2        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 3      | 4                      | 5       | 6         | 7        | 8   | 9        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 10     | 11                     | 12      | 13        | 14       | 15  | 16       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 17     | 18                     | 19      | 20        | 21       | 22  | 23       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 24     | 25                     | 26      | 27        | 28       | 29  | 30       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 31     |                        |         |           |          |   |          |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| S      | M                      | T       | W         | T        | F   | S        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
|        | 1                      | 2       | 3         | 4        | 5   | 6        |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 7      | 8                      | 9       | 10        | 11       | 12  | 13       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 14     | 15                     | 16      | 17        | 18       | 19  | 20       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 21     | 22                     | 23      | 24        | 25       | 26  | 27       |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |
| 28     | 29                     | 30      | 31        |          |   |          |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |

\* This holiday is designated as "Washington's Birthday" in section 6103(a) of title 5 of the United States Code, which is the law that specifies holidays for Federal employees. Though other institutions such as state and local governments and private businesses may use other names, it is our policy to always refer to holidays by the names designated in the law.

The crater above looks like any ordinary bright spot in lower resolution images (100 m/pixel). However, the Lunar Reconnaissance Orbiter's (LRO) high resolution (52 cm/pixel) images reveal extraordinary detail. Here layers of ejecta stream out across the surface. Small craters churn up and expose both the fresh material within the ejecta blanket (those that appear bright) and reveal mature material from beneath it (those that appear dark). [Image credit: NASA/GSFC/Arizona State University].

Inset: LRO [top] and the Lunar Crater Observation and Sensing Satellite (LCROSS) [bottom] are encapsulated inside the Atlas V payload fairing, united after years of independent development in different facilities. (2009)









# March

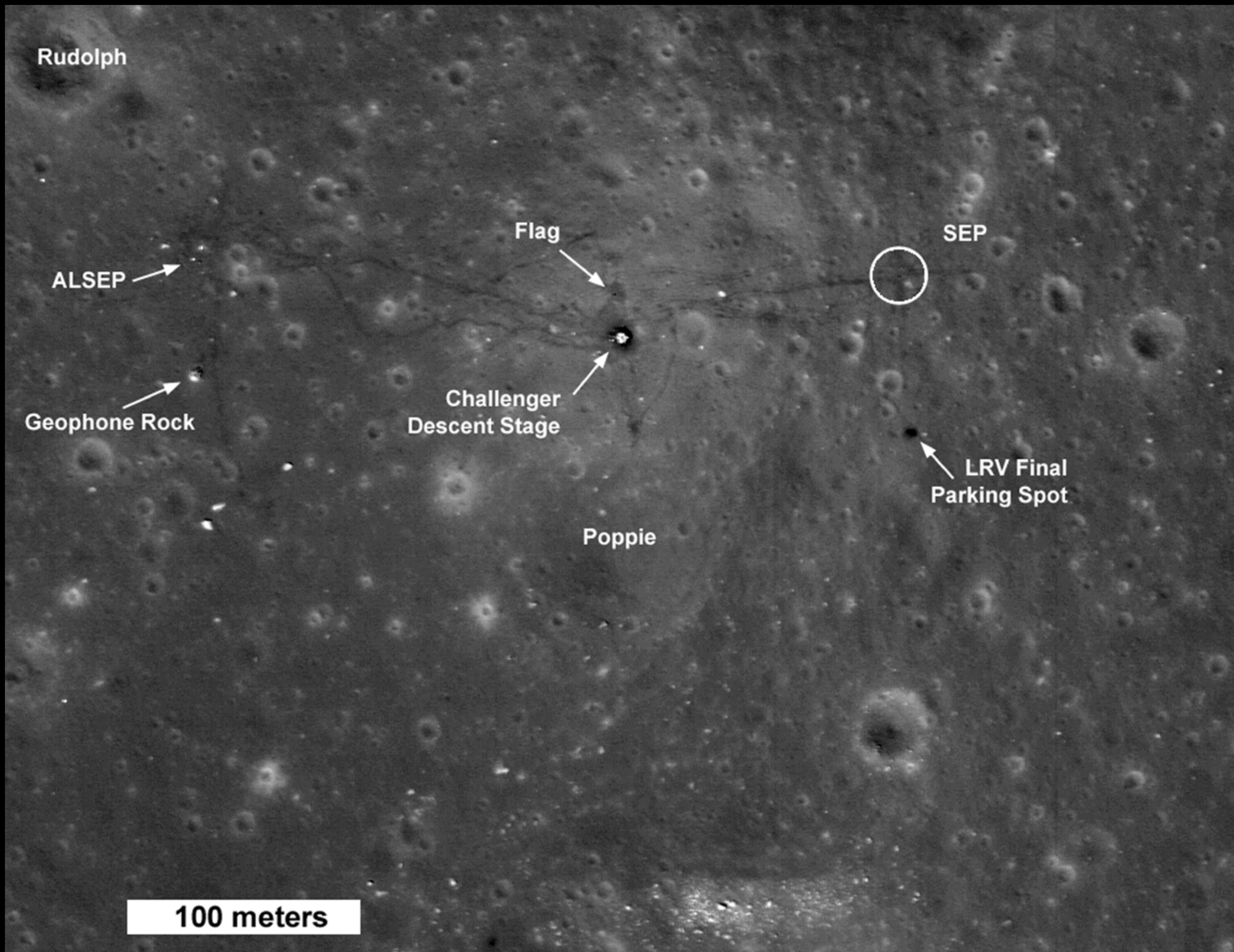
| Sunday                             | Monday | Tuesday | Wednesday | Thursday | Friday   | Saturday                  |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------------------------|--------|---------|-----------|----------|--|---------------------------|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                    | 1      | 2       | 3         | 4        | 5  | 6                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ☾ 7                                | 8      | 9       | 10        | 11       | 12   | 13                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14<br>Daylight Savings Time Begins | ☉ 15   | 16      | 17        | 18       | 19   | 20<br>First Day of Spring |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 21                                 | 22     | ☾ 23    | 24        | 25       | 26   | 27                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 28                                 | 29     | ● 30    | 31        |          | <div>February 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | S                         | M | T | W | T | F | S |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |  |  |  |  |  |  | <div>April 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr></table> | S | M | T | W | T | F | S |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| S                                  | M      | T       | W         | T        | F  | S                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                                    | 1      | 2       | 3         | 4        | 5  | 6                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7                                  | 8      | 9       | 10        | 11       | 12   | 13                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14                                 | 15     | 16      | 17        | 18       | 19   | 20                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 21                                 | 22     | 23      | 24        | 25       | 26   | 27                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 28                                 |        |         |           |          |  |                           |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| S                                  | M      | T       | W         | T        | F  | S                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                                    |        |         |           |          | 1  | 2                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3                                  | 4      | 5       | 6         | 7        | 8  | 9                         |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10                                 | 11     | 12      | 13        | 14       | 15   | 16                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 17                                 | 18     | 19      | 20        | 21       | 22   | 23                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 24                                 | 25     | 26      | 27        | 28       | 29   | 30                        |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

During its flight, the Galileo spacecraft returned images of the Moon. The Galileo spacecraft took these images on December 7, 1992 on its way to explore the Jupiter system in 1995-97. The distinct bright ray crater at the bottom of the image is the Tycho crater. The dark areas are lava rock filled impact basins: Oceanus Procellarum (on the left), Mare Imbrium (center left), Mare Serenitatis and Mare Tranquillitatis (center), and Mare Crisium (near the right edge). This picture contains images through the Violet, 756 nm, 968 nm filters. The color is 'enhanced' in the sense that the CCD camera is sensitive to near infrared wavelengths of light beyond human vision.

Inset: The Galileo spacecraft being prepared for launch.







Rudolph

ALSEP

Flag

SEP

Geophone Rock

Challenger  
Descent Stage

Poppie

LRV Final  
Parking Spot

100 meters



# April

| Sunday   | Monday  | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|---------|-----------|----------|--------|----------|
| <div>March 2010</div> <div> <div>S M T W T F S</div> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div> </div> | <div>May 2010</div> <div> <div>S M T W T F S</div> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30 31</div> </div> |         |           | 1        | 2      | 3        |
| 4  | 5   | 6       | 7         | 8        | 9      | 10       |
| 11   | 12  | 13      | 14        | 15       | 16     | 17       |
| 18   | 19  | 20      | 21        | 22       | 23     | 24       |
| 25   | 26  | 27      | 28        | 29       | 30     |          |

The Lunar Reconnaissance Orbiter Camera (LROC) on board the Lunar Reconnaissance Orbiter (LRO) imaged the Apollo 17 landing site with its high resolution Narrow Angle Cameras (NACs) at 50 cm per pixel (angular resolution). Tracks are clearly visible and can be followed to the east, where astronauts Jack Schmitt and Gene Cernan set up the Surface Electrical Properties (SEP) experiment. The dark area just below the SEP experiment is where the astronauts left the rover, in a prime spot for monitoring the liftoff. [Credit: NASA/GSFC/Arizona State University]

Inset: View of the same scene looking south-southeast with geophone rock in the background-- as though you were working alongside Dr. Schmitt and Captain Cernan.









# May

| Sunday       | Monday       | Tuesday | Wednesday | Thursday | Friday   | Saturday |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|--------------|--------------|---------|-----------|----------|--|----------|---|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|---|---|---|---|---|---|---|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
|              |              |         |           |          |  | 1        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 2            | 3            | 4       | 5         | 6        | 7  | 8        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 9            | 10           | 11      | 12        | 13       | 14   | 15       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Mother's Day |              |         |           |          |  |          |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 16           | 17           | 18      | 19        | 20       | 21   | 22       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 23           | 24           | 25      | 26        | 27       | 28   | 29       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 30           | 31           |         |           |          | <div>April 2010</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td></tr> </table> <div>June 2010</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td></tr> </table> |          | S | M | T | W | T | F | S |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  | S | M | T | W | T | F | S |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |  |
| S            | M            | T       | W         | T        | F  | S        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|              |              |         |           | 1        | 2  | 3        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 4            | 5            | 6       | 7         | 8        | 9  | 10       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 11           | 12           | 13      | 14        | 15       | 16   | 17       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 18           | 19           | 20      | 21        | 22       | 23   | 24       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 25           | 26           | 27      | 28        | 29       | 30   |          |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| S            | M            | T       | W         | T        | F  | S        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|              |              |         | 1         | 2        | 3  | 4        |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 5            | 6            | 7       | 8         | 9        | 10   | 11       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 12           | 13           | 14      | 15        | 16       | 17   | 18       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 19           | 20           | 21      | 22        | 23       | 24   | 25       |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 26           | 27           | 28      | 29        | 30       |  |          |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|              | Memorial Day |         |           |          |  |          |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |

This image of Aristarchus, a prominent lunar impact crater, was taken by Apollo 15 astronauts. It is considered the brightest of the large formations on the lunar surface, with an albedo nearly double that of most lunar features. The feature is bright enough to be visible to the naked eye, and is dazzling in a large telescope. It is also readily identified when most of the lunar surface is illuminated by earthshine. The crater is located at the southeastern edge of the Aristarchus plateau, an elevated area that contains a number of volcanic features, such as sinuous rilles.

Inset: The Apollo 11 Lunar Module (LM) "Eagle", in a landing configuration is photographed in lunar orbit from the Command and Service Modules (CSM) "Columbia". The long "rod-like" protrusions under the landing pods are lunar surface sensing probes. Upon contact with the lunar surface, the probes send a signal to the crew to shut down the descent engine.









# June

| Sunday       | Monday              | Tuesday | Wednesday | Thursday | Friday  | Saturday   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
|--------------|---------------------|---------|-----------|----------|---|--|---|---|---|---|---|---|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|---|---|---|---|---|---|---|--|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|
|              |                     | 1       | 2         | 3        | 4    | 5  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 6            | 7                   | 8       | 9         | 10       | 11  | 12    |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 13           | 14                  | 15      | 16        | 17       | 18  | 19    |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 20           | 21                  | 22      | 23        | 24       | 25  | 26  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| Father's Day | First Day of Summer |         |           |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 27           | 28                  | 29      | 30        |          | <div>May 2010</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr> </table> | S  | M | T | W | T | F | S |  |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  | <div>July 2010</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | S | M | T | W | T | F | S |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  |
| S            | M                   | T       | W         | T        | F   | S  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
|              |                     |         |           |          |   | 1  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 2            | 3                   | 4       | 5         | 6        | 7   | 8  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 9            | 10                  | 11      | 12        | 13       | 14  | 15   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 16           | 17                  | 18      | 19        | 20       | 21  | 22   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 23           | 24                  | 25      | 26        | 27       | 28  | 29   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 30           | 31                  |         |           |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| S            | M                   | T       | W         | T        | F   | S  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
|              |                     |         |           |          | 1   | 2  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 3            | 4                   | 5       | 6         | 7        | 8   | 9  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 10           | 11                  | 12      | 13        | 14       | 15  | 16   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 17           | 18                  | 19      | 20        | 21       | 22  | 23   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 24           | 25                  | 26      | 27        | 28       | 29  | 30   |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 31           |                     |         |           |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |

Apollo 10 astronauts aimed a handheld 70mm camera at the surface from lunar orbit for a series of pictures in this area in May of 1969. The terraced walls of the crater and central cone in this oblique view of International Astronomical Union (IAU) Crater 302 provide visual evidence for cratering processes. According to the lunar cataclysm hypothesis, the Earth-Moon system was severely bombarded ~4 billion years ago.

Inset: This view of the Lunar surface was taken during the Apollo 17 mission. The background gives a feel for the rugged terrain that surrounded the astronauts as they explored the valley. The mountains rise 2 kilometers above the valley floor, which is more relief than you would find at the Grand Canyon in Arizona, USA.









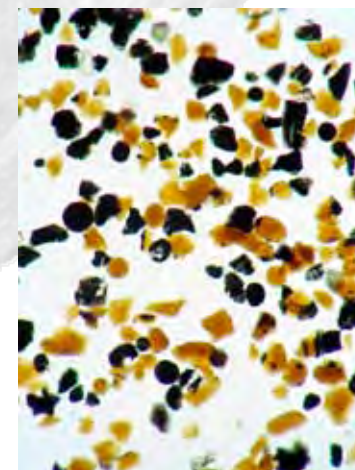
# July

| Sunday  |    |    |    |    |    |    | Monday |    |    |    |    |    |    | Tuesday     |  |  |  |  |  |  | Wednesday |  |  |  |  |  |  | Thursday  |  |  |  |  |  |  | Friday |  |  |  |  |  |  | Saturday |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|----|----|----|----|----|----|--------|----|----|----|----|----|----|-------------|--|--|--|--|--|--|-----------|--|--|--|--|--|--|---|--|--|--|--|--|--|--------|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| June 2010   |    |    |    |    |    |    |        |    |    |    |    |    |    | August 2010 |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  | 1        |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S   | M  | T  | W  | T  | F  | S  | S      | M  | T  | W  | T  | F  | S  |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |    | 1  | 2  | 3  | 4  | 5  | 1      | 2  | 3  | 4  | 5  | 6  | 7  |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6   | 7  | 8  | 9  | 10 | 11 | 12 | 8      | 9  | 10 | 11 | 12 | 13 | 14 |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13  | 14 | 15 | 16 | 17 | 18 | 19 | 15     | 16 | 17 | 18 | 19 | 20 | 21 |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20  | 21 | 22 | 23 | 24 | 25 | 26 | 22     | 23 | 24 | 25 | 26 | 27 | 28 |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27  | 28 | 29 | 30 |    |    |    | 29     | 30 |    |    |    |    |    |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    |    |    |    |    |    |    |        |    |    |    |    |    |    | 4           |  |  |  |  |  |  |           |  |  |  |  |  |  | 5   |  |  |  |  |  |  |        |  |  |  |  |  |  | 6        |  |  |  |  |  |  |  |  |  |  |  |  |  | 7  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |    |    |    |    |    |    |        |    |    |    |    |    |    |             |  |  |  |  |  |  |           |  |  |  |  |  |  | Independence Day**  |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|    |    |    |    |    |    |    |        |    |    |    |    |    |    | 11          |  |  |  |  |  |  |           |  |  |  |  |  |  | 12  |  |  |  |  |  |  |        |  |  |  |  |  |  | 13       |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |    |    |    |    |    |    |        |    |    |    |    |    |    | 18          |  |  |  |  |  |  |           |  |  |  |  |  |  | 19  |  |  |  |  |  |  |        |  |  |  |  |  |  | 20       |  |  |  |  |  |  |  |  |  |  |  |  |  | 21 |  |  |  |  |  |  |  |  |  |  |  |  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  | 23 |  |  |  |  |  |  |  |  |  |  |  |  |  | 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |    |    |    |    |    |    |        |    |    |    |    |    |    | 25          |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  | 26       |  |  |  |  |  |  |  |  |  |  |  |  |  | 27 |  |  |  |  |  |  |  |  |  |  |  |  |  | 28 |  |  |  |  |  |  |  |  |  |  |  |  |  | 29 |  |  |  |  |  |  |  |  |  |  |  |  |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  | 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |    |    |    |    |    |    |        |    |    |    |    |    |    |             |  |  |  |  |  |  |           |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\*\* July 4, 2010 (the legal public holiday for Independence Day), falls on a Sunday. For most Federal employees, Monday, July 5, will be treated as a holiday for pay and leave purposes. (See section 3(a) of Executive order 11582, February 11, 1971.)

A close-up view of an astronaut's footprint in the lunar soil, photographed with a 70mm lunar surface camera during the Apollo 11 extravehicular activity (EVA) on the moon on July 20, 1969. The registration marks on the image were intentionally overlayed to assist with image processing and scale.

Inset: These orange glass spheres and fragments are the finest particles ever brought back from the Moon. Ranging in size from 20 to 45 microns (about 1/1000 of an inch) the particles are magnified 160 times in this photomicrograph made in the Lunar Receiving Laboratory at the Johnson Space Center. The sample is rich in titanium (8%) and iron oxide (22%), and is also unexplainably rich in zinc -- an anomaly that has scientists in a quandary.









# August

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday   | Saturday |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
|--------|--------|---------|-----------|----------|--|----------|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|---|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|--|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|--|----|----|----|----|----|--|--|--|
| 1      | 2      | 3       | 4         | 5        | 6  | 7        |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 8      | 9      | 10      | 11        | 12       | 13   | 14       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 15     | 16     | 17      | 18        | 19       | 20   | 21       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 22     | 23     | 24      | 25        | 26       | 27   | 28       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 29     | 30     | 31      |           |          | <div>July 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr><tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr><tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr></table> | S        | M | T | W | T | F | S |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | <div>September 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td></td></tr><tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td></td></tr><tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td></td></tr><tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td></tr></table> | S | M | T | W | T | F | S |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |  | 12 | 13 | 14 | 15 | 16 | 17 | 18 |  | 19 | 20 | 21 | 22 | 23 | 24 | 25 |  | 26 | 27 | 28 | 29 | 30 |  |  |  |
| S      | M      | T       | W         | T        | F  | S        |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
|        |        |         |           | 1        | 2  | 3        |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 4      | 5      | 6       | 7         | 8        | 9  | 10       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 11     | 12     | 13      | 14        | 15       | 16   | 17       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 18     | 19     | 20      | 21        | 22       | 23   | 24       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 25     | 26     | 27      | 28        | 29       | 30   | 31       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| S      | M      | T       | W         | T        | F  | S        |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
|        |        |         |           | 1        | 2  | 3        | 4 |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 5      | 6      | 7       | 8         | 9        | 10   | 11       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 12     | 13     | 14      | 15        | 16       | 17   | 18       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 19     | 20     | 21      | 22        | 23       | 24   | 25       |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |
| 26     | 27     | 28      | 29        | 30       |  |          |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |  |    |    |    |    |    |  |  |  |

This view of Earth rising over the Moon’s horizon was taken from the Apollo 11 spacecraft. The lunar terrain pictured is in the area of Smyth’s Sea on the nearside. While astronaut Neil A. Armstrong, commander; and Edwin E. Aldrin Jr., lunar module pilot, descended in the Lunar Module (LM) “Eagle” to explore the Sea of Tranquility region of the Moon, astronaut Michael Collins remained with the Command and Service Modules (CSM) “Columbia” in lunar orbit. (16-24 July 1969)

Inset: This August 23, 1966 image of Earth was the first image of Earth as seen from the Moon. This reconstructed image was processed by the Lunar Orbiter Image Recovery Project (LOIRP) which is digitally reprocessing the original analog data from the Lunar Orbiter spacecraft. [Credit: NASA/LOIRP]









# September

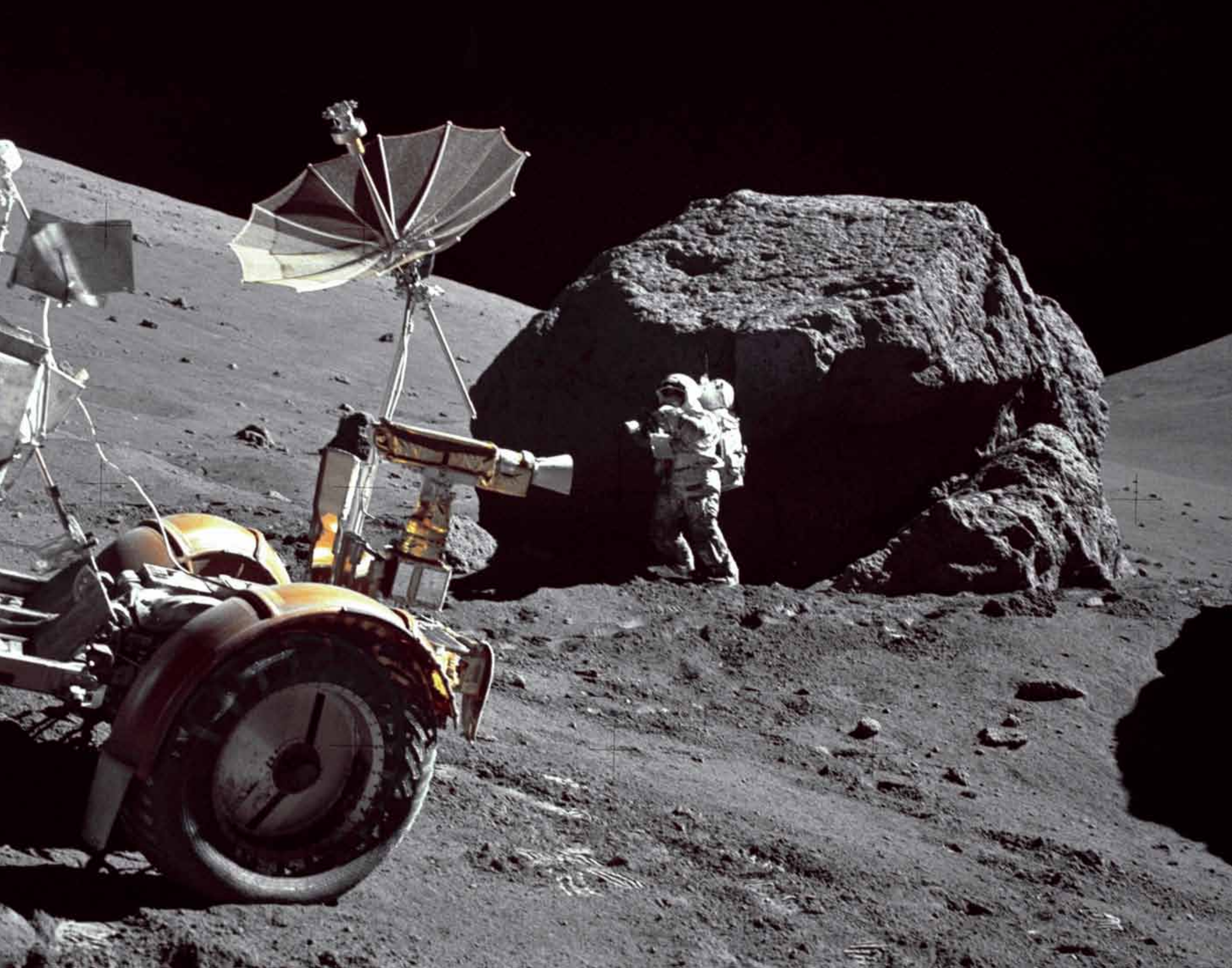
| Sunday | Monday         | Tuesday                   | Wednesday | Thursday | Friday  | Saturday |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
|--------|----------------|---------------------------|-----------|----------|---|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|---|---|---|---|---|---|---|--|--|--|--|--|--|-----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|
|        |                |                           | ☾ 1       | 2        | 3   | 4        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 5      | 6<br>Labor Day | 7                         | ☉ 8       | 9        | 10  | 11       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 12     | 13             | 14                        | ☾ 15      | 16       | 17  | 18       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 19     | 20             | 21                        | 22        | ● 23     | 24  | 25       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 26     | 27             | 28<br>First Day of Autumn | 29        | 30       | <div>August 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr><tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr><tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr><tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr><tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>October 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |          | S | M | T | W | T | F | S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |  |  |  |  | S | M | T | W | T | F | S |  |  |  |  |  |  | 1 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  |
| S      | M              | T                         | W         | T        | F   | S        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 1      | 2              | 3                         | 4         | 5        | 6   | 7        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 8      | 9              | 10                        | 11        | 12       | 13  | 14       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 15     | 16             | 17                        | 18        | 19       | 20  | 21       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 22     | 23             | 24                        | 25        | 26       | 27  | 28       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 29     | 30             |                           |           |          |   |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| S      | M              | T                         | W         | T        | F   | S        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
|        |                |                           |           |          |   | 1 2      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 3      | 4              | 5                         | 6         | 7        | 8   | 9        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 10     | 11             | 12                        | 13        | 14       | 15  | 16       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 17     | 18             | 19                        | 20        | 21       | 22  | 23       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 24     | 25             | 26                        | 27        | 28       | 29  | 30       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |
| 31     |                |                           |           |          |   |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |  |  |     |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |

The Apollo Lunar Module was the lander portion of the Apollo spacecraft built to achieve the transit from lunar orbit to the surface and back. The module was also known as the LM (often pronounced “lem,” from NASA’s early name for it, Lunar Excursion Module). The module was designed to carry a crew of two and rested on four landing legs. It consisted of two stages, the descent stage and the ascent stage. Above is a view from CM “Yankee Clipper” of Lunar Module “Intrepid” over craters Ptolemaeus, Herschel & LaLande. (November 19, 1969).

Inset: A picture snapped from the cockpit window during the Apollo 10 LM rendezvous over the Moon.





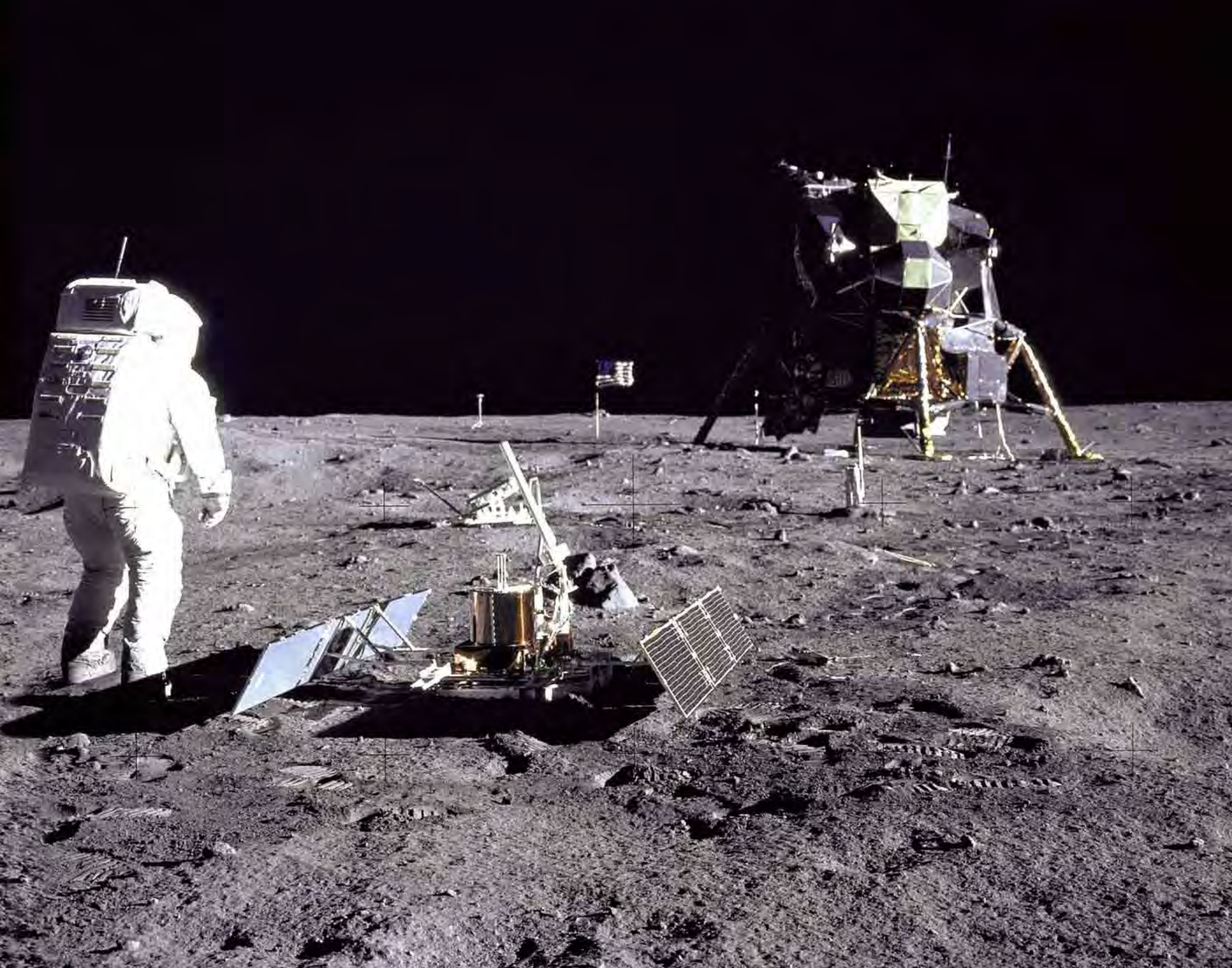




Inset: A profile view of Schmitt investigating the same boulder during EVA-3.









# November

| Sunday   | Monday | Tuesday | Wednesday | Thursday         | Friday   | Saturday |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--|--------|---------|-----------|------------------|--|----------|---|---|---|---|---|---|---|--|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|---|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | 1      | 2       | 3         | 4                | 5   | 6        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | 8      | 9       | 10        | 11               | 12    | 13       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Daylight Savings Time Ends   |        |         |           | Veteran's Day    |  |          |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14   | 15     | 16      | 17        | 18               | 19   | 20       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  21 | 22     | 23      | 24        | 25               | 26   | 27       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  28 | 29     | 30      |           | Thanksgiving Day | <div>October 2010</div> <table><tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>December 2010</div> <table><tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr><tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr><tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr><tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr></table> |          | S | M | T | W | T | F | S |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  | S | M | T | W | T | F | S |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| S  | M      | T       | W         | T                | F  | S        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  |        |         |           |                  | 1  | 2        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3  | 4      | 5       | 6         | 7                | 8  | 9        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10   | 11     | 12      | 13        | 14               | 15   | 16       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 17   | 18     | 19      | 20        | 21               | 22   | 23       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 24   | 25     | 26      | 27        | 28               | 29   | 30       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 31   |        |         |           |                  |  |          |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| S  | M      | T       | W         | T                | F  | S        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  |        |         |           | 1                | 2  | 3        |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 4  | 5      | 6       | 7         | 8                | 9  | 10       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 11   | 12     | 13      | 14        | 15               | 16   | 17       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 18   | 19     | 20      | 21        | 22               | 23   | 24       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25   | 26     | 27      | 28        | 29               | 30   | 31       |   |   |   |   |   |   |   |  |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Astronaut Edwin E. Aldrin Jr., lunar module pilot, is photographed during the Apollo 11 extravehicular activity (EVA) on the moon. He has just deployed the Early Apollo Scientific Experiments Package (EASEP). This is a good view of the deployed equipment. In the foreground is the Passive Seismic Experiment Package (PSEP); beyond it is the Laser Ranging Retro-Reflector (LR-3); in the center background is the United States flag; in the left background is the black and white lunar surface television camera; in the far right background is the Lunar Module (LM).

Inset: The Apollo 17 ascent stage blasts off from the Moon. The bottom descent stage is left behind patiently awaiting a return visit.









# December

| Sunday   | Monday   | Tuesday                    | Wednesday | Thursday | Friday           | Saturday |
|--|--|----------------------------|-----------|----------|------------------|----------|
| <div>November 2010</div> <div> <div>S</div> <div>M</div> <div>T</div> <div>W</div> <div>T</div> <div>F</div> <div>S</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> </div> <div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> </div> <div> <div>14</div> <div>15</div> <div>16</div> <div>17</div> <div>18</div> <div>19</div> <div>20</div> </div> <div> <div>21</div> <div>22</div> <div>23</div> <div>24</div> <div>25</div> <div>26</div> <div>27</div> </div> <div> <div>28</div> <div>29</div> <div>30</div> </div> | <div>January 2011</div> <div> <div>S</div> <div>M</div> <div>T</div> <div>W</div> <div>T</div> <div>F</div> <div>S</div> </div> <div> <div>1</div> </div> <div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> </div> <div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> </div> <div> <div>16</div> <div>17</div> <div>18</div> <div>19</div> <div>20</div> <div>21</div> <div>22</div> </div> <div> <div>23</div> <div>24</div> <div>25</div> <div>26</div> <div>27</div> <div>28</div> <div>29</div> </div> <div> <div>30</div> <div>31</div> </div> |                            | 1         | 2        | 3                | 4        |
| <div>○</div> <div>5</div>  | 6  | 7                          | 8         | 9        | 10               | 11       |
| 12   | <div>◐</div> <div>13</div>   | 14                         | 15        | 16       | 17               | 18       |
| 19   | 20   | <div>●</div> <div>21</div> | 22        | 23       | 24               | 25       |
|  |  | First Day of Winter        |           |          | Christmas Day*** |          |
| 26   | 27   | <div>◐</div> <div>28</div> | 29        | 30       | 31               |          |

\*\*\* December 25, 2010 (the legal public holiday for Christmas Day), falls on a Saturday. For most Federal employees, Friday, December 24, will be treated as a holiday for pay and leave purposes. (See 5 U.S.C. 6103(b).)

During the Apollo 12 transearth journey astronauts caught this sight of Earth's "diamond ring" as the planet passed in front of the Sun. The ring appears incomplete at the bottom, where the night-darkened limb of the moon obscures its view. Eclipses only occur when the sun, Earth and Moon are perfectly aligned. On Earth we can see a lunar eclipse during the full moon, and we can see a solar eclipse during a new moon. But during a lunar eclipse, anyone on the Moon in the right spot would be able to see the Sun blocked by Earth.

Inset: In 1994 the Clementine spacecraft returned this image of the Moon illuminated solely by light reflected from the Earth. The bright glow on the lunar horizon is caused by light from the solar corona; the Sun is just behind the lunar limb. Caught in this image is the planet Venus at the top of the frame.





